

Claims

- 5 1. A battery pack comprising heat-diffusing means from a plurality of battery cells (2) located in a housing (1), characterized in that the wall of the housing (1) surrounding the battery cells (2) is shaped such that it forms at least one duct (3, 4), which is closed off from the interior of the housing (1), for a heat-diffusing medium.
- 10 2. The battery pack in accordance with claim 1, characterized in that the at least one duct (3, 4) is shaped such that its wall (5, 6) rests in form-locking fashion against the battery cells (2) adjacent to it.
- 15 3. The battery pack in accordance with claim 1 or 2, characterized in that the wall regions (5, 6) that form the at least one duct (3, 4) at least partly comprise a heat- conducting material.
- 20 4. The battery pack in accordance with claim 3, characterized in that the wall regions (5, 6) of the at least one duct (3, 4) that comprise a heat-conducting material are recessed so far from the outer wall regions (11, 12) of the housing (1) that contact with the heat-conducting material by a user is prevented.